

Material Safety Data Sheet

Section 1 General Information

Manufacturer:

Zinsser Company, Inc.
173 Belmont Drive
Somerset, NJ 08875
(732) 469-8100

HMIS Rating

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0

Emergency Telephone: Chemtrec (800) 424-9300**Date: 7/03/03****Product Name: Shieldz Universal**

Product Codes: 02500 02501 02504
02510 02511 02514

Section 2 Hazardous Ingredients

<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Calcium carbonate	471-34-1	15 Mg/m ³ * 5 Mg/m ³ **	10 Mg/m ³
Ethylene glycol	107-21-1	N/E	100 Mg/m ³ (C)
Limestone	1317-65-3	15 Mg/m ³ * 5 Mg/m ³ **	10 Mg/m ³
Talc	14807-96-6	20 mppcf	2 Mg/m ³
Titanium Dioxide	13463-67-7	15 Mg/m ³ *	10 Mg/m ³
Zinc Oxide	1314-13-2	15 Mg/m ³ * 5 Mg/m ³ **	10 Mg/m ³

* Total Dust

** Respirable Dust Fraction

Section 3 Hazard Identification

Emergency Overview: This material is a stable, non-flammable, white flowable liquid with a flashpoint above 200° Fahrenheit. It is primarily used as a wallcovering primer.

Primary Routes of Exposure:

Eye Contact

Potential Acute Health Effects:**Eye:** May cause eye irritation.**Skin:** Absorption through skin contact not considered a significant route of exposure during intended use.**Ingestion:** Ingestion is not considered a significant route of exposure during intended use.

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

Inhalation: May cause respiratory irritation in sensitive individuals.

Potential Chronic Health Effects:

Signs and Symptoms: None known.

(See also Sections 4, 8, and 11 for related information)

Section 4 First Aid Measures

Eye contact: Flush eye with water for 15 minutes. Get medical attention.

Skin contact: Wash with soap and water. Get medical attention if symptoms occur.

Ingestion: If swallowed, call a physician or poison control center.

Inhalation: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of vapor, remove victim to fresh air and seek medical attention if cough or other symptoms develop.

Note to Physician: This material is basically non-toxic. Ingestion of a small quantity (approximately one-tablespoon) is unlikely to cause harm.

Section 5 Fire Fighting Measures

The liquid material will not burn. However, the dried paint film may burn in a fire.

Flash Point (method): Not Determined (expected to be above 200° F based on ingredients).

Flammable Limits in Air (by volume) Lower (LEL): 1.1%
Upper (UEL): 15.3%

Extinguishing Media: Use water spray, foam, or carbon dioxide when fighting fires involving this material.

Protection of Firefighters: As in any fire, wear self-contained breathing apparatus in pressure demand mode and full protective gear.

Fire and Explosion Hazards: The liquid material will not burn. However, the dried paint film may burn in a fire.

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

Section 6 Accidental Release Measures

Clean Up Methods: Keep unnecessary people away. Dike and contain spill with inert material (sand, earth, etc.). Transfer liquid to containers for recovery or disposal, or absorb with absorbent materials and place into containers for disposal. Keep spill out of sewer and open bodies of water. Floors may be slippery; care should be exercised to avoid falls during clean up operations.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

Section 7 Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing.

Storage: Keep from freezing. Keep container closed when not in use.

Section 8 Exposure Controls / Personal Protection

Engineering Controls: If exposure conditions warrant, use mechanical local exhaust ventilation or general dilution ventilation to reduce vapor concentrations.

Personal Protective Equipment (PPE):

Eye Protection: Wear safety glasses, goggles or face shield to prevent eye and face contact.

Skin Protection: Wear gloves to prevent prolonged skin contact.

Respiratory Protection: None required under normal, intended use conditions. If vapor exposure causes discomfort and in areas of poor ventilation wear NIOSH approved respirator.

Protective Clothing: For brief contact, no special precautions other than clean body-covering clothing should be needed. When prolonged or frequent repeated contact with the material could occur, use protective clothing that is impervious to this material (such as tyvek).

General Hygiene Practices: Wash thoroughly after handling. Prevent Eye contact. Avoid prolonged skin or inhalation contact.

Section 9 Physical Data

Appearance:	White flowable liquid.	Odor:	Slight ammonia like odor.
Physical State:	Liquid	pH:	8.5 – 9.0
Boiling Point:	N/D (est. >200 ° F)	Freezing Point:	N/D (est. 32 ° F)

N/A: Not Applicable	N/D: Not Determined	N/E: Not Established	N/R: Not Required	Est.: Estimated
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Vapor Pressure: Not determined.

Vapor Density: Not determined.

Odor Threshold: Not determined.

Viscosity: 102 KU (@ 74° F)

Solubility in Water: Dilutable.

Density: 10.1 pounds/gallon

Section 10 Stability and Reactivity

Stability: This material is stable. Not reactive.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: None known.

Conditions to Avoid: None known.

Incompatibility: None known.

Section 11 Toxicological Information

Carcinogenicity: This material is not considered a carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA.

Chronic Health Effects: None known.

(See also Section 15 for related information)

Section 12 Ecological Information

Chemical Fate and Effects: No data available.

Section 13 Disposal Considerations

RCRA Hazardous Waste: No

Recommended Waste Disposal Method: This material is not considered hazardous waste under federal hazardous waste regulations (40 CFR 261). However, state and local requirements for waste disposal may be more restrictive or otherwise differ from federal regulations. Chemical additions, processing or otherwise altering this material may render the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Consult all applicable federal, state, and local regulations regarding the proper disposal of this material.

Section 14 Transportation Information

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

Regulated by the US Department of Transportation (DOT): Not Regulated

DOT Proper Shipping Name: Paint Products

UN / NA Number: N/A

Section 15 Regulatory Information

CERCLA:

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
Ethylene Glycol	107-21-1	<3%

SARA Title III, section 311/312:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

SARA Title III, section 313:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
Ethylene Glycol	107-21-1	<3%
Zinc Compounds	N982	<2%

TSCA:

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product does not contain any chemicals that require export notification under Section 12(b) of the TSCA regulation.

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Section 16 Other Information

Legend: N/A: Not Applicable
N/E: Not Established
STEL: Short Term Exposure Limit
PPM: Parts Per Million
PEL: Permissible Exposure Limit
TWA: Time Weighted Average
> Greater Than
Mppcf: Million particles per cubic foot of air
ACGIH: American Conference of Governmental Industrial Hygienists
CERCLA: Comprehensive Environmental Response Compensation and Liability Act
OSHA: Occupational Safety and Health Administration (US Dept. of Labor)
RCRA: Resource Conservation and Recovery Act
SARA: Superfund Amendment and Reauthorization Act
TSCA: Toxic Substance Control Act

N/D: Not Determined
N/R: Not Required
C: Ceiling Limit
PPB: Parts Per Billion
TLV: Threshold Limit Value
Mg/M³: Milligrams per cubic Meter
< Less Than

HMIS Key

4 = Severe Hazard
3 = Serious Hazard
2 = Moderate Hazard
1 = Slight Hazard
0 = Minimal Hazard

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Disclaimer: Zinsser Company, Inc. believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state, and local laws and regulations.

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